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PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re U.S. Patent Application

Applicant: Nukiyama et al.

Serial No. 10/015,065

Filed: December 11, 2001

For: LIQUID CRYSTAL DISPLAY

Art Unit: Not assigned

) I hereby certify that this paper is being deposited with the  
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) 14 Jan 02 RTB  
) Date Registration No. 29367  
) F-CLASS.WCM  
) Appr. February 20, 1998 Attorney for Applicant

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SUBMISSION OF SUBSTITUTE INFORMATION  
DISCLOSURE STATEMENT AND FORM PTO-1449

Assistant Commissioner for Patents  
Washington, D.C. 20231

Sir:

Attached is a revised IDS and PTO-1449 to be substituted for the originally  
filed IDS and PTO-1449 filed with this application on December 11, 2001, which contained  
an error in one of the references.

In accordance with 37 C.F.R. §§1.56, 1.97 and 1.98, Applicants through  
counsel herewith submit the attached form PTO-1449 as follows:

FOREIGN PATENT DOCUMENTS

<u>DOCUMENT NO.</u>	<u>COUNTRY</u>	<u>PUBLICATION DATE</u>
07311561 A	Japan	November 28, 1995

08115060 A	Japan	May 7, 1996
9101501 A	Japan	April 15, 1997
11119746 A	Japan	April 30, 1999
11272241 A	Japan	August 10, 1999
2000075848 A	Japan	March 14, 2000

Applicants respectfully request that the Examiner consider the above-listed references in the examination of this application and list these references of record in the application.

Respectfully submitted,

GREER, BURNS & CRAIN, LTD.

By



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January 14, 2002

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## SUBSTITUTE FORM PTO-1449

Sheet 1 of 1

Form PTO-1449 U.S. Department of Commerce (Rev. 8-88) Patent and Trademark Office	Attorney Docket No.: 0941.66047	Serial No.: 10/015,065
	Applicant: Nukiyama et al.	
	Filing Date: December 11, 2001	Group:

## U.S. PATENT DOCUMENTS

Examiner Initial*	Document Number	Date	Name	Class	Subclass	Filing Date If Appropriate

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## FOREIGN PATENT DOCUMENTS

	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
	07311561 A	11-28-95	Japan			Abs.	
	08115060 A	5-7-96	Japan			Abs.	
	9101501 A	4-15-97	Japan			Abs.	
	11119746 A	4-30-99	Japan			Abs.	
	11272241 A	8-10-99	Japan			Abs.	
	2000075848 A	3-14-00	Japan			Abs.	

## OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)


Examiner

Date Considered

\*Examiner:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.